



A100 COMPACT

Automations for sliding doors

FAAC
Simply automatic.

A100 Compact

1

Automations for sliding doors

single leaf, two leaves with continuous duty

■ Thin and elegant

Thanks to their compact dimensions, FAAC A100 COMPACT automations can be adapted to every type of architectural environment, even in limited space conditions. All the most innovative technical features in just a few centimetres. For the utmost versatility of use, the A100 COMPACT Series can be adapted to sliding doors with single leaves and a maximum weight of 110 kg or with double leaves and a maximum weight of 70 kg each leaf. An A100 COMPACT automation also guarantees considerable energy savings as regards air-conditioning and the total removal of architectural barriers.

■ Reliable and always sliding

Designed to operate at best on each occasion and in every environment, A100 COMPACT automations are automatically reliable, without limits on the frequency of use. In the event of a power cut, buffer batteries (optional) with charge control guarantee 100% operation for thirty minutes.

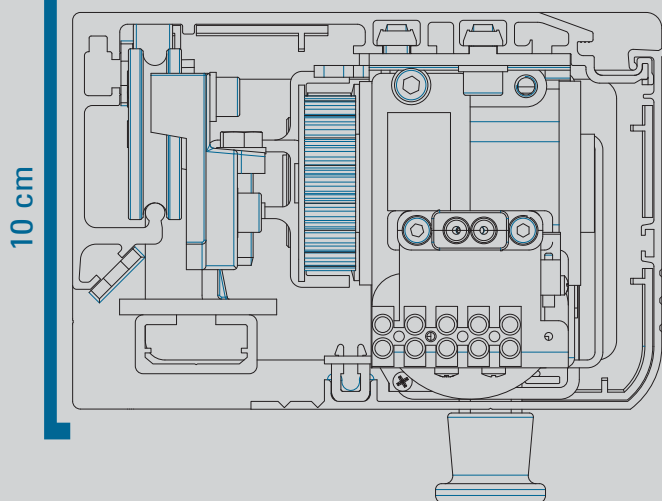
■ Excellent logics in real time

A microprocessor verifies in real time all door activities and guarantees an intelligent control. The operation logics can be selected by means of a functions keypad.

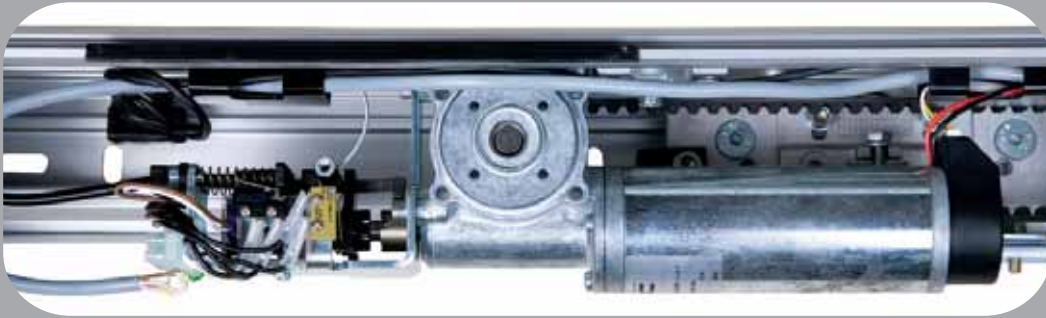
■ Absolute safety

The A100 COMPACT Series automatically programs opening and closing force and speed according to the friction and the door weight in conformity with the relevant international safety standards. In case of an obstacle the door reopens immediately. On the next closing it verifies at slow speed if the obstacle is still present.

thinner than ever



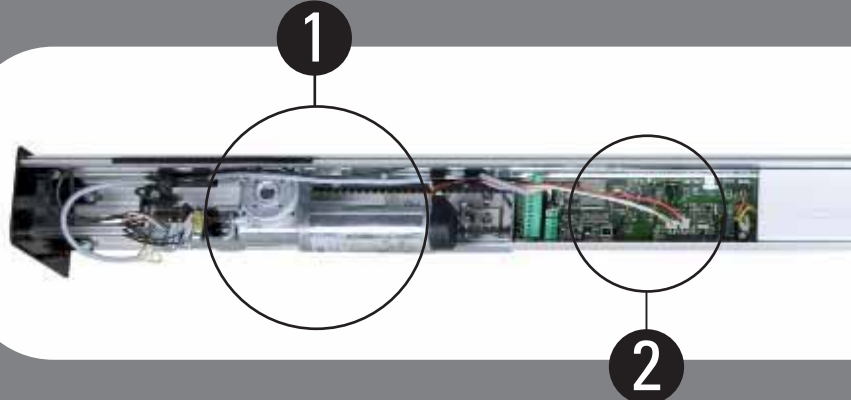
Motor with electrical lock



3 Drive trolleys



- 1 Motor with electrical lock
- 2 Control unit with switching power supply unit
- 3 Drive trolleys
- 4 Knob for manual release
- 5 "Parachute" device of front housing
- 6 Eyelets for a fast mechanical installation



Accessories

- Round photocell
- Infra-red passive sensor
- Microwave radar
- Keyswitches with emergency release devices
- Profiles for glass leaf fitting
- Electro-mechanical motor lock with manual release
- Motor lock monitoring
- Emergency batteries. They guarantee the automated system to operate for 30 minutes on continuous use**
- Break-out anti-panic kit**
- Compatible with the new series of FAAC TK20 and TK50 profiles**

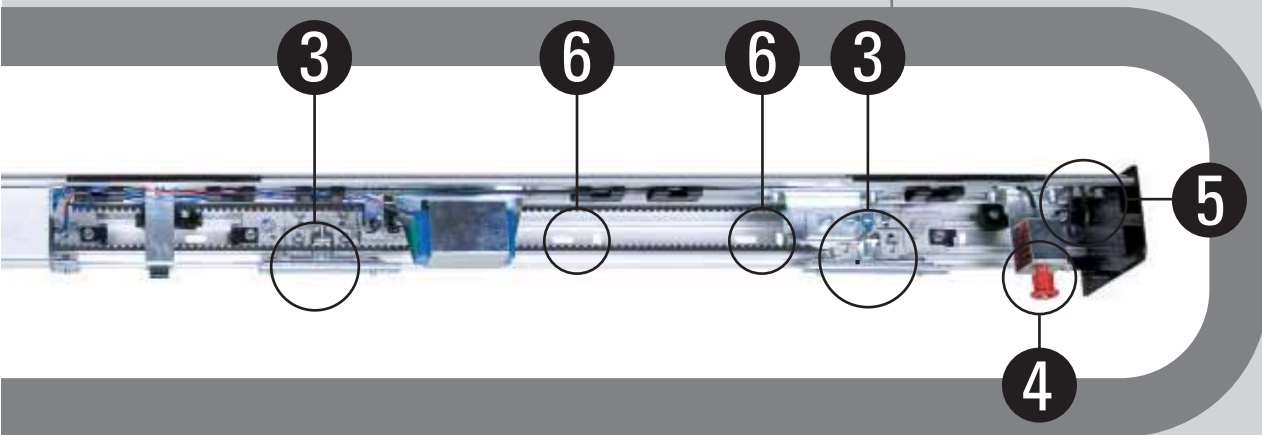
2 Control unit



Technical specifications

A100 Compact

Electric power supply	115/230 V ac - 50 (60) Hz
Power consumption	100 W
Frequency of use	100%
Drive unit	24 V dc motor with encoder
Head profile length	VP x 2 + 100 mm
Load free opening adjustment	5 ÷ 70 cm/s
Load free closing adjustment	5 ÷ 70 cm/s
Partial opening adjustment	10% ÷ 90% of total opening
Pause time adjustment	0 ÷ 30 s
Night pause time adjustment	0 ÷ 240 s
Anti-crushing device	standard
Photocells fail-safe	standard (can be excluded)
Protection class	IP 23 (for indoor use only)
Environmental temperature	-20°C ÷ +55°C



4 Knob for manual release



Time slot programmable calendar management

Use

Model	Leaf	Free passage width (mm)	Leaf max. weight (kg)
A100 COMPACT 1	single	700÷3000	110
A100 COMPACT 2	double	800÷3000	70+70

Programming display

Main functions

Entering of access password
Closing speed adjustment
Pause times adjustment
Diagnostic display

Opening speed adjustment
Anti break-in function management
Anti-crushing adjustment
Weekly calendar management

Management of interlock with or without memory
Selection of battery operation logics
Configuration of 1 output on the control unit
Configuration of 2 emergency inputs on the control unit
Display of number of cycles carried out
Management of 5 daily time slots



Programming display

SD KEEPER functions keyboard

Main functions

Manual
Automatic
One way
Reset

Open
Partial opening
Night
One way, partial

Troubleshooting through a combination of flashing LEDs
Operation can be disabled by a jumper or a combination of keys
Preset for programming display



SD Keeper functions keyboard

SDK light

Available programs

Manual
Automatic
One way
Reset

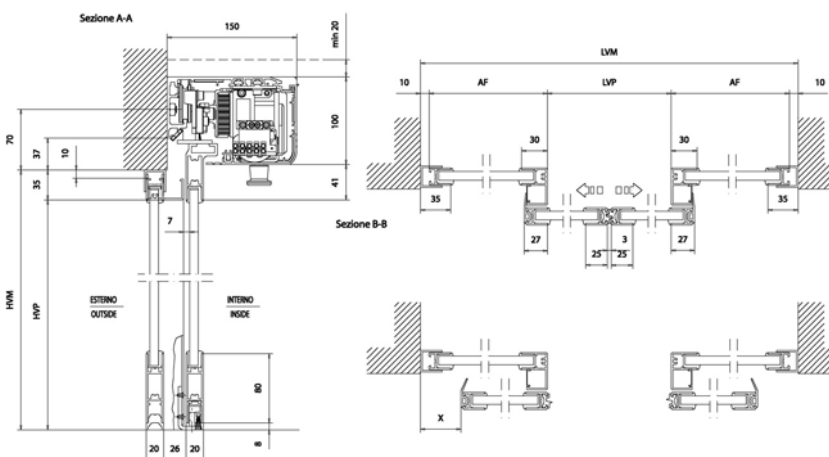
Open
Partial opening
Night

Troubleshooting through a combination of flashing LEDs
Operation can be disabled by a combination of keys
Not preset for programming display



SDK light functions keyboard

Small section profile TK20



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